

What is claimed is

1. A refrigerator having a refrigerant circuit comprising:
an inverter-driven power-variable compressor having a
low-pressure compression element and a high-pressure
5 compression element; a switching valve that is disposed on
downstream of a condenser receiving gas refrigerant discharged
from the compressor and selects and controls flow channel and
flow rate of refrigerant; and coolers, for freezer and fresh-food
compartments, each connected with the switching valve through
10 a pressure reducer; and wherein frequency of the compressor
is decided by temperature in the freezer compartment and its
target temperature.

2. A refrigerator having a refrigerant circuit comprising:
an inverter-driven power-variable compressor having a
15 low-pressure compression element and a high-pressure
compression element; a switching valve that is disposed on
downstream of a condenser receiving gas refrigerant discharged
from the compressor and selects and controls channel and rate
of flowing of the refrigerant; and coolers, for freezer and
20 fresh-food compartments, each connected with the switching
valve through a pressure reducer; and wherein frequency of the
compressor is decided by temperature in the fresh-food
compartment and its target temperature and wherein on deciding
of the frequency, feedback rate of temperature information from
25 the freezer compartment is set larger than that from the

fresh-food compartment.

3. A refrigerator according to claim 2, wherein, only when temperature of the fresh-food compartment is higher than its target temperature, information on such temperature is adopted in deciding the frequency of the compressor.

4. A refrigerator according to anyone of claims 1-3, wherein, when temperature of the fresh-food compartment is higher than its target temperature, frequency of a fresh-food cooling fan is increased.

10 5. A refrigerator according to anyone of claims 1-4, wherein, when temperature of the fresh-food compartment is higher than its target temperature, frequency of a freezer cooling fan is increased.